



Replacement Sheet

1/8

Fig-1

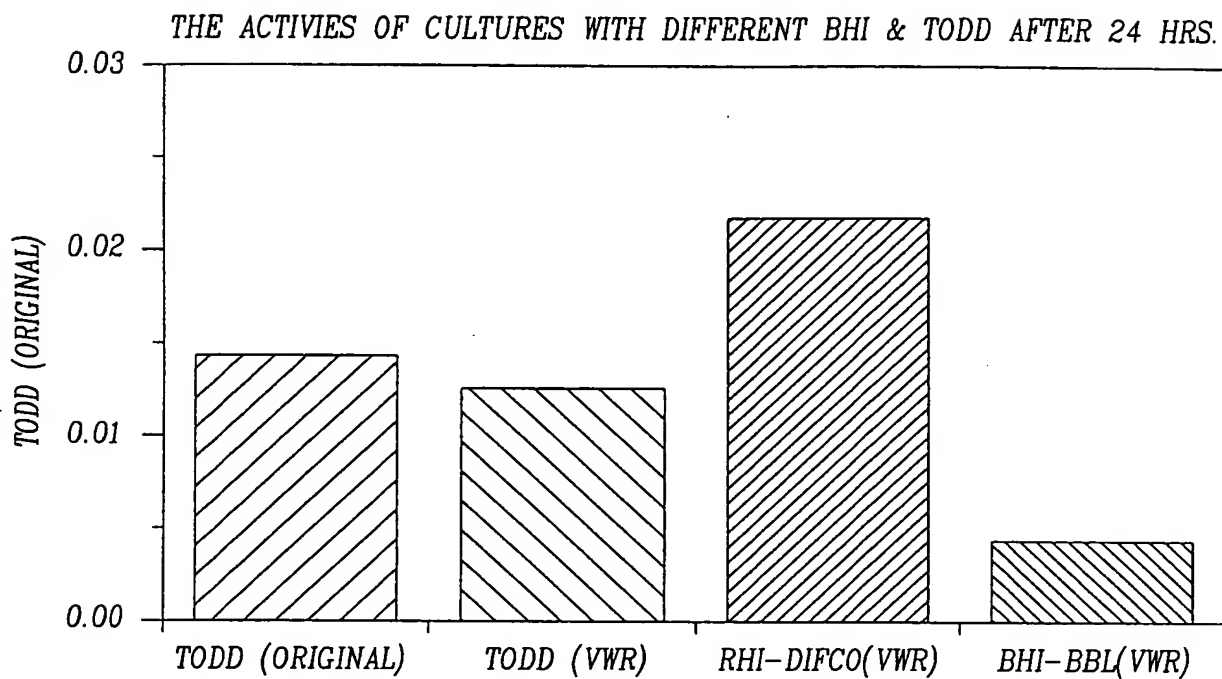
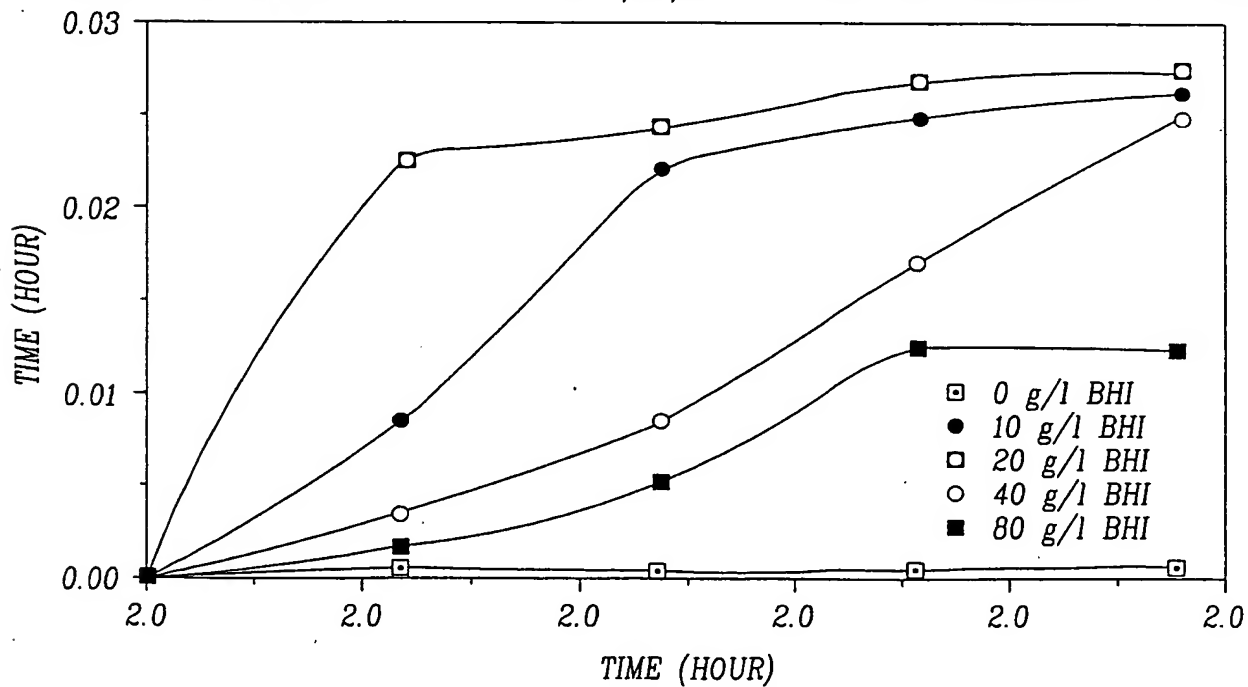


Fig-2

THE CURVE OF ENZYMMATIC ACTIVITIES FOR 7/30/93 CULTURES WITH DIFFERENT BHI CONC.



THE CURVE OF ACTIVITES FOR 10/10/98 CULTURES WITH DIFFERENT BHI OR TODD

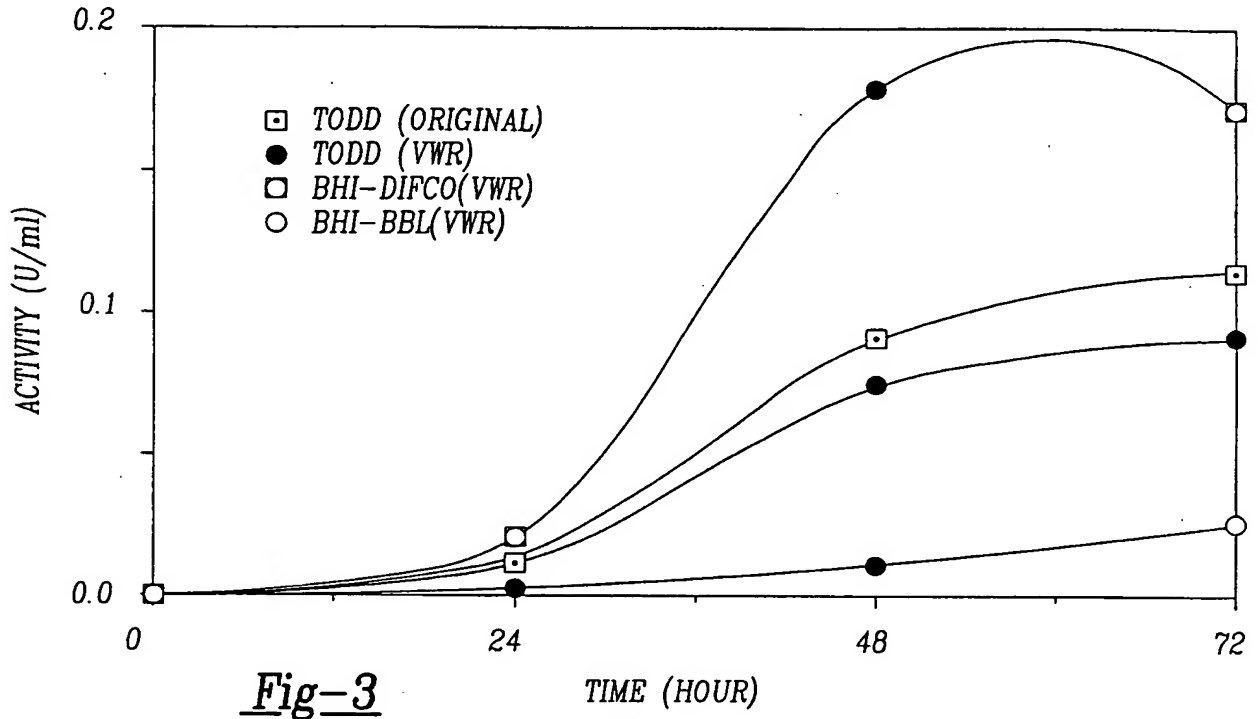
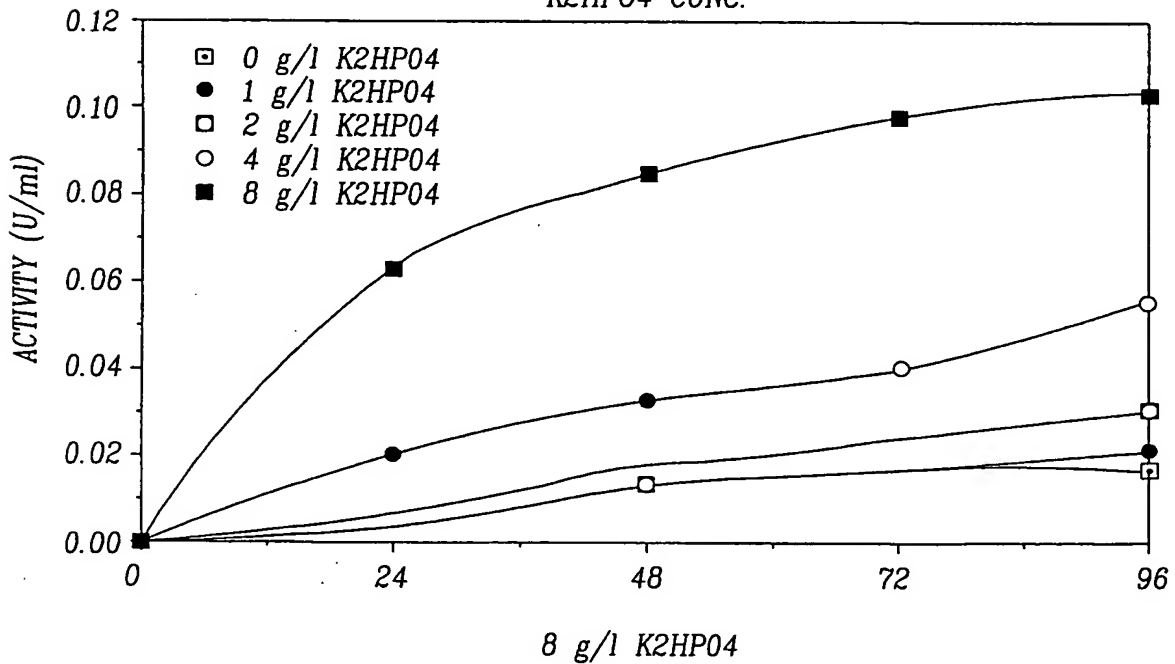


Fig-4

THE CURVE OF ENZYMATIC ACTIVITIES FOR 8/2/93 CULTURES WITH DIFFERENT K<sub>2</sub>HP04 CONC.



THE CURVE OF ENZYMATIC ACTIVITIES FOR 8/13/93 CULTURES WITH DIFFERENT  
CYSTEINE CONC.

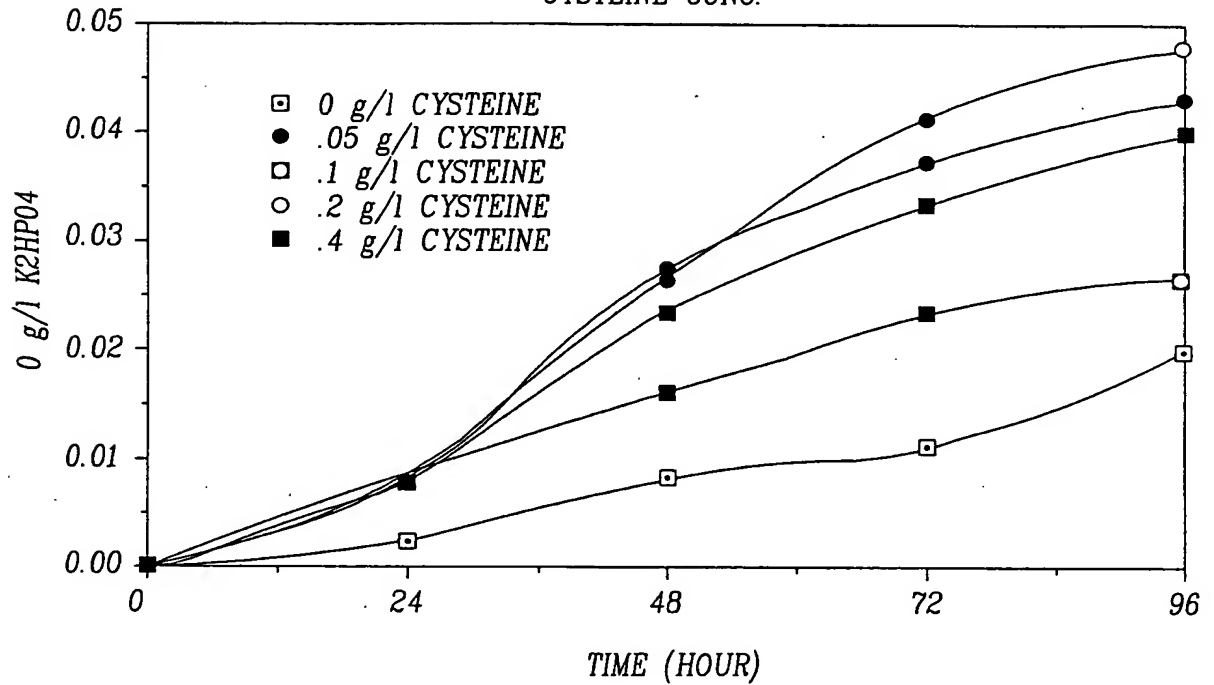
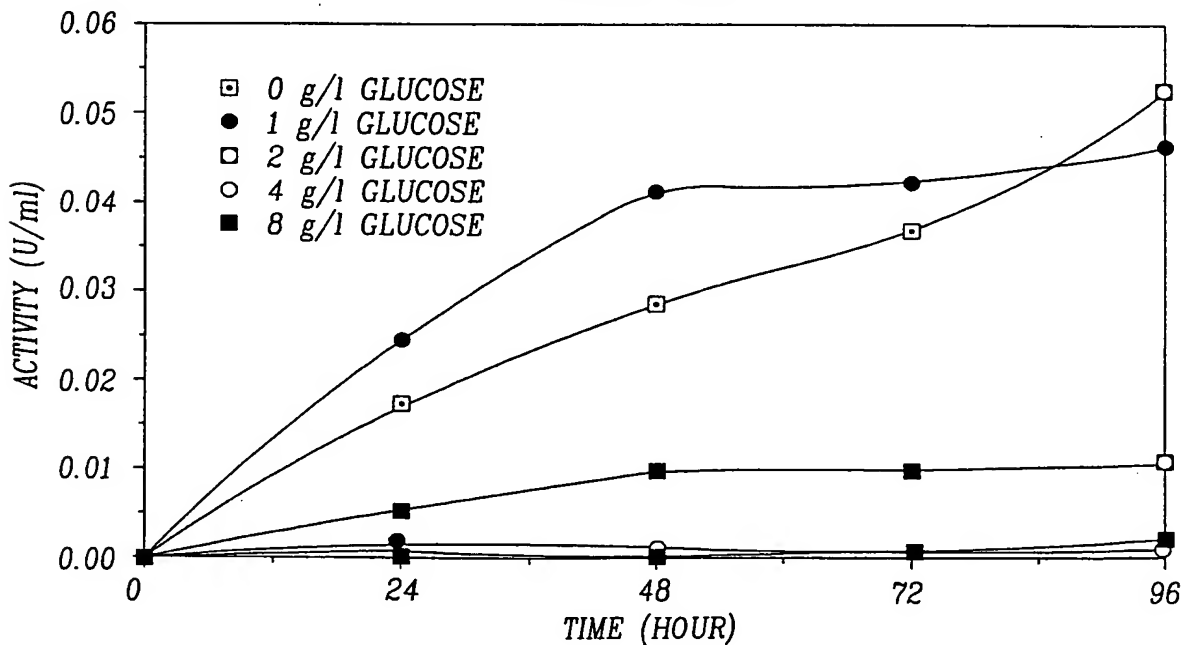


Fig-5

Fig-6

THE CURVE OF ENZYMATIC ACTIVITIES FOR 8/11/93 CULTURES WITH DIFFERENT  
GLUCOSE CONC.



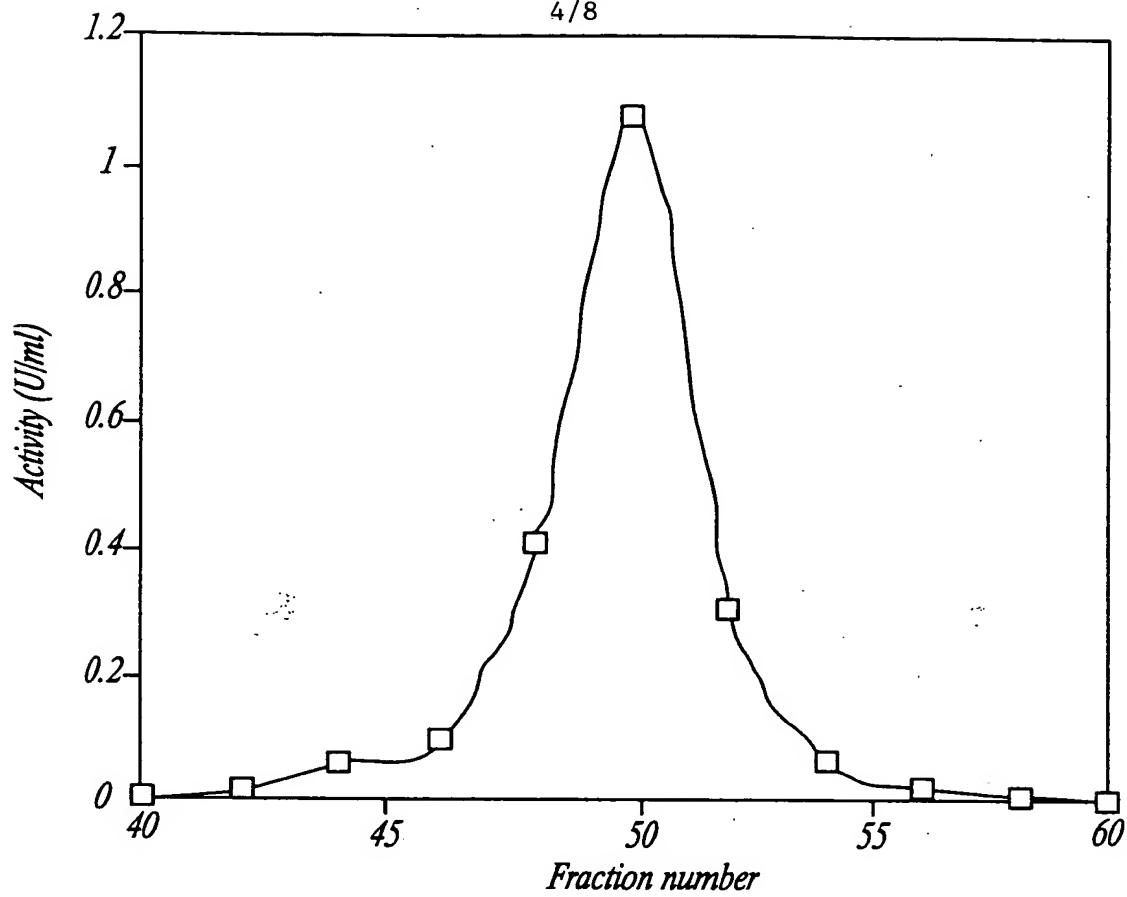


Fig-10

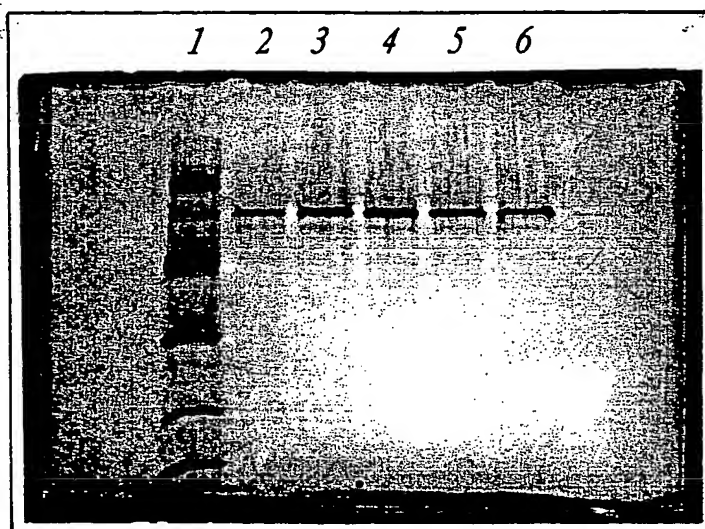


Fig-11

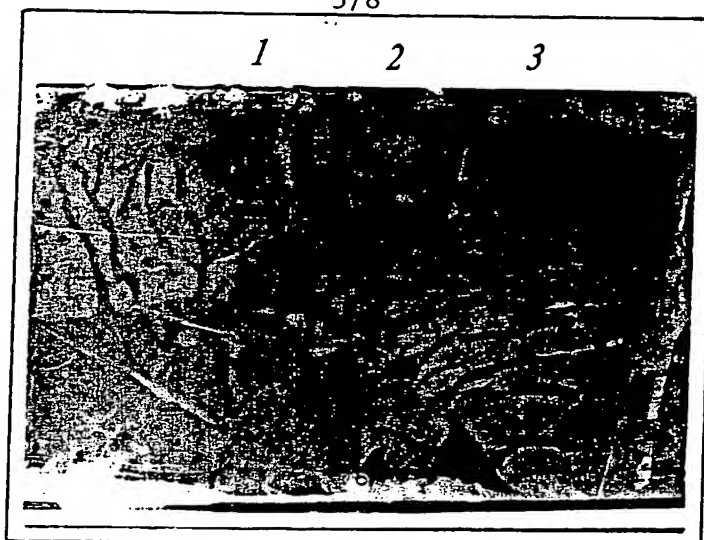


Fig-8

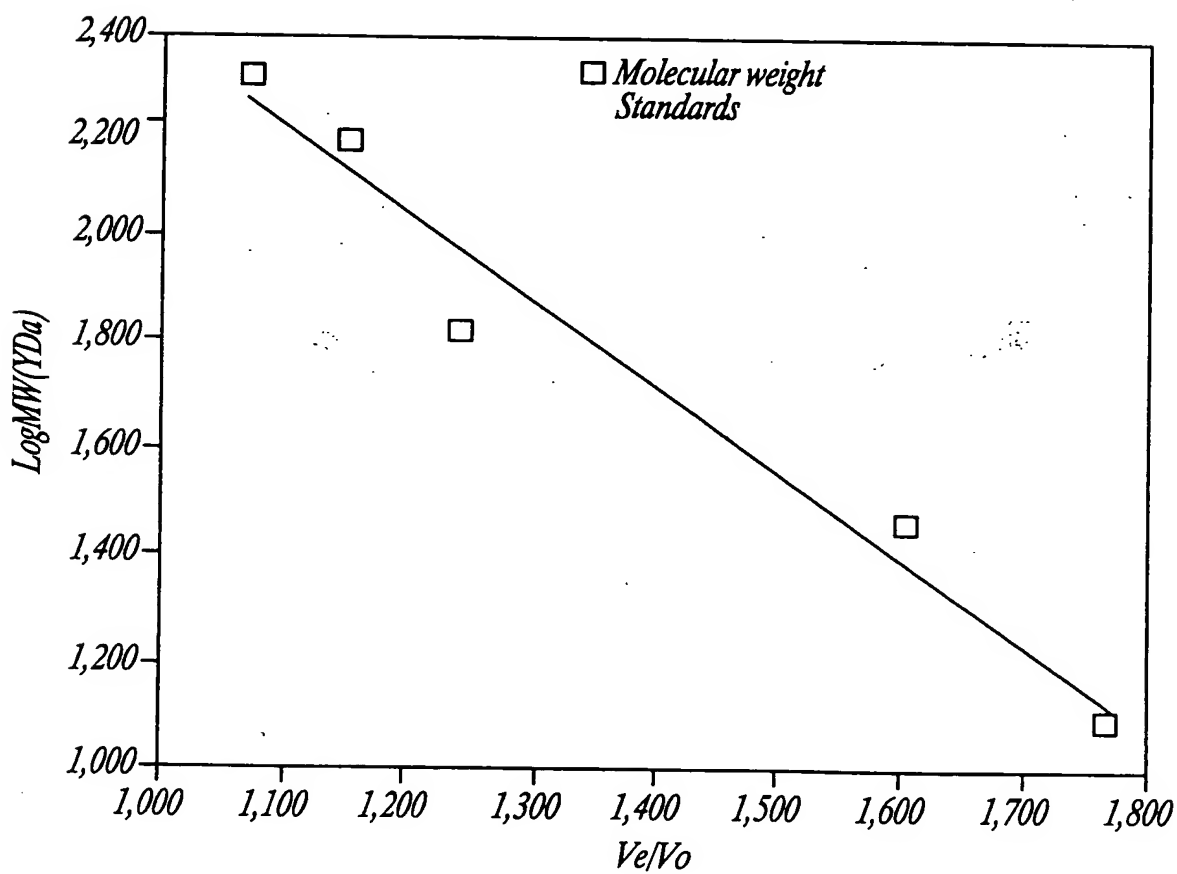


Fig-9

THE CURVE OF ENZYMATIC ACTIVITIES FOR 7/28/93 CULTURES WITH DIFFERENT  
MUCIN CONC.

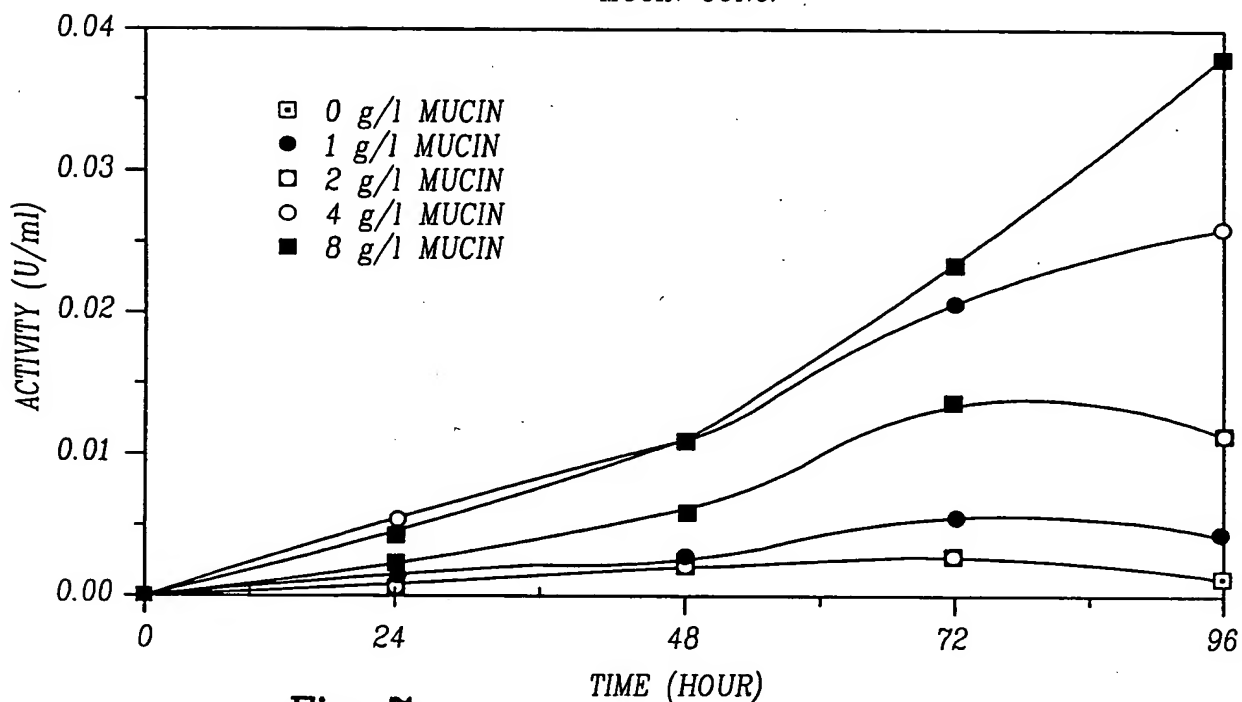


Fig-7

Fig-12

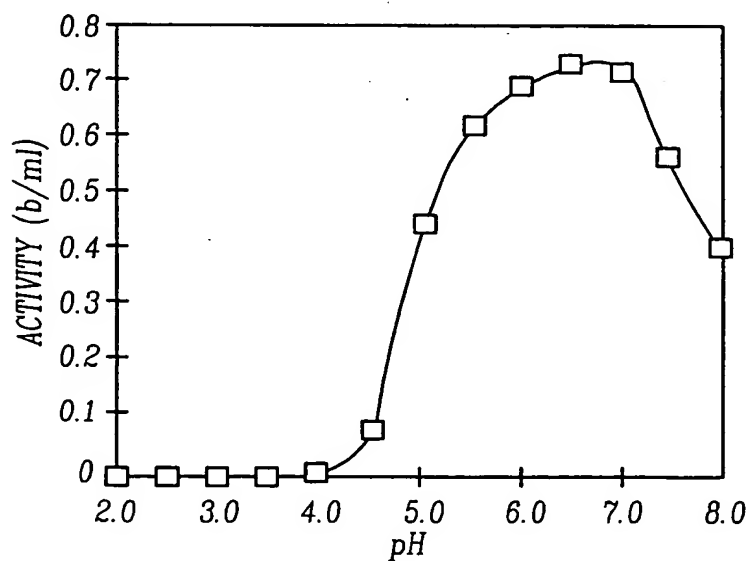


Fig-13

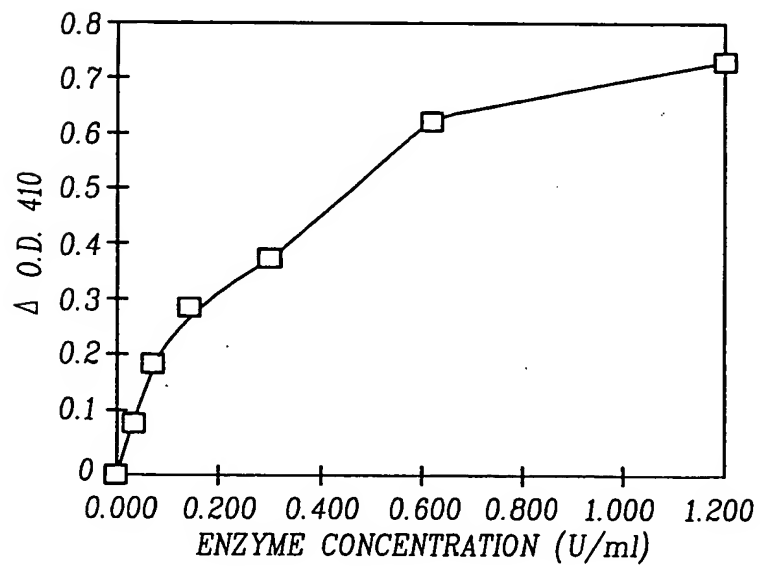
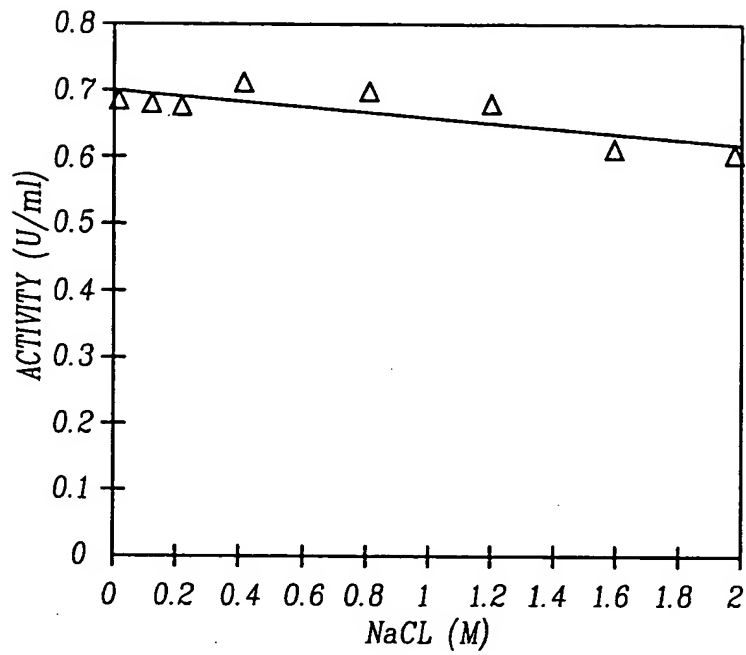


Fig-14

## Replacement Sheet

8/8

## PRIMARY SEQUENCE

	CALLED AMINE A	AMOUNT(S) (PMOTES)	CALLED AA'S
1.	MET	7.9	
2.	LYS	4.4	
3.	VAL	10.0	
4.	LEU	10.5	
5.	GLY	9.2	
6.	ASN	15.7	
7.	TYR	9.6	
8.	ILE	11.1	
9.	GIN	8.2	
10.	ARG	8.0	
11.	ASN	15.8	
12.	PHE	9.9	
13.	HIS	5.1	
14.	TYR	8.9	
15.	ASP	9.5	
16.	GLY	7.1	
17.	LYS	4.7	
18.	[x]		
19.	PHE	5.8	
20.	TYR	6.1	
21.	THR	5.4	
22.	LYS	3.5	
23.	[GIN]		
24.	PHE	5.2	ASN
25.	[ASN]	11.7	
26.	LYS	3.6	
27.	PRO	2.5	GIN
28.	ILE	6.0	
29.	[x]		

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REPETITIVE YIELD: [GLY-16 7.1 / GLY-5 9.2]  $\frac{1}{7}$  ESTIMATED REMAINING AFTER  
 4,871 PMOLE(S) = 97.67% 27 RESIDUE(S)

SEQUENCING PROGRAM USED: 03CBLT

(ALL DATA FOR THIS ANALYSIS WILL BE ERASED FROM OUR COMPUTER AFTER ONE MONTH  
 BUT WE WILL BE HAPPY TO COPY THE DATA ONTO ONE OF YOUR DISKETTES IF DESIRED)

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DISCUSSION

SAMPLE NAME SMTPATH2

Fig-15